Title (en)

PROCESS FOR THE PREPARATION OF AN AMINO-PYRIMIDINE AND INTERMEDIATES THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES AMINO-PYRIMIDINS UND ZWISCHENPRODUKTE DAVON

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UNE AMINO-PYRIMIDINE ET DE SES INTERMÉDIAIRES

Publication

EP 3732166 A4 20210901 (EN)

Application

EP 18897512 A 20181226

Priority

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- US 2018067500 W 20181226

Abstract (en)

[origin: WO2019133605A1] Provided herein is a novel process for the preparation of an amino-pyrimidine and salts thereof. Also provided herein are novel intermediates used in this process and their preparation.

IPC 8 full level

C07D 239/47 (2006.01); **C07D 401/10** (2006.01); **C07D 401/12** (2006.01)

CPC (source: EP IL KR US)

A61K 31/506 (2013.01 - IL KR); **A61P 21/00** (2018.01 - IL KR); **C07C 67/08** (2013.01 - EP IL KR); **C07C 69/757** (2013.01 - IL KR); **C07C 231/02** (2013.01 - EP IL KR US); **C07C 233/58** (2013.01 - IL US); **C07C 235/40** (2013.01 - EP IL KR); **C07C 253/20** (2013.01 - EP IL KR); **C07C 255/45** (2013.01 - IL KR); **C07D 213/61** (2013.01 - EP IL KR US); **C07D 401/14** (2013.01 - EP IL KR US); C07C 2601/04 (2017.05 - EP IL KR)

C-Set (source: EP)

1. **C07C 253/20** + **C07C 255/45**
2. **C07C 231/02** + **C07C 235/40**
3. **C07C 67/08** + **C07C 69/757**

Citation (search report)

[A] HOZ SHMARYAHU ET AL: "Mechanism and Stereochemistry of General Acid Catalyzed Additions to Bicyclobutane1", J. ORG. CHEM, 1 November 1986 (1986-11-01), pages 4537 - 4544, XP055827364, Retrieved from the Internet <URL:https://pubs.acs.org/doi/pdf/10.1021/jo00374a009> [retrieved on 20210723]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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WO 2019133605 A1 20190704; AU 2018397684 A1 20200716; AU 2018397684 B2 20230907; BR 112020013020 A2 20201124; CA 3087051 A1 20190704; CN 112236415 A 20210115; CN 112236415 B 20231114; EA 202091588 A1 20210118; EP 3732166 A1 20201104; EP 3732166 A4 20210901; IL 275655 A 20200831; IL 275655 B1 20230301; IL 275655 B2 20230701; JP 2021508702 A 20210311; JP 7209726 B2 20230120; KR 20200109314 A 20200922; MA 51432 A 20201104; MX 2020006704 A 20200914; PH 12020550983 A1 20210322; SG 11202006085P A 20200729; US 11142516 B2 20211012; US 2021061786 A1 20210304

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